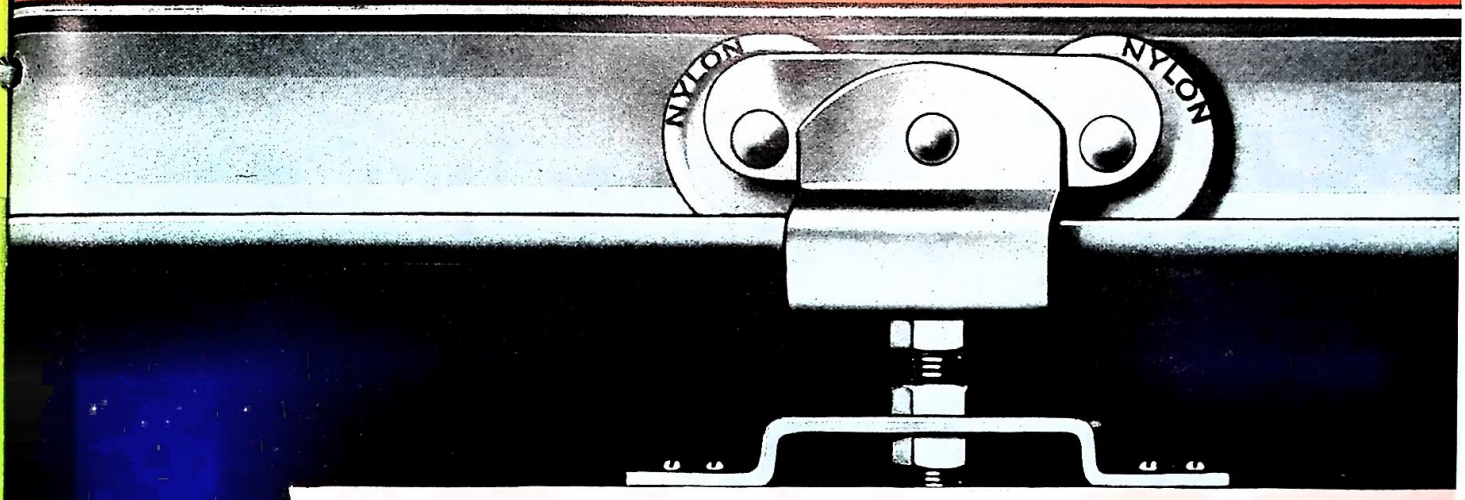
National

SLIDING DOOR HARDWARE

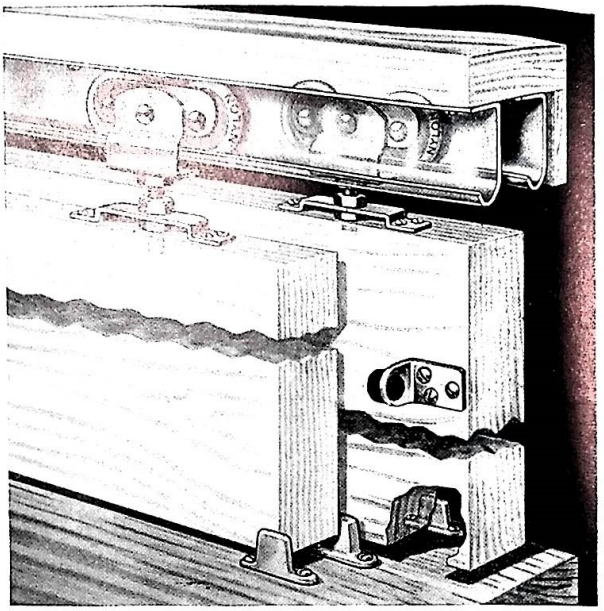


- SERVES EVERY THICKNESS OF DOOR
- RIGID STEEL RAIL
- EASY TO INSTALL
- WEIGHT OF DOOR EVENLY DISTRIBUTED
- DOORS SLIDE EASILY

NATIONAL MANUFACTURING CO.
STERLING, ILLINOIS

No. 185 ADJUSTABLE HANGER

For use with No. 180 Interior Sliding Door Rail. Serves every thickness of door from ¾" to 1¾". Hangers are zinc plated with two 1⅜" diameter nylon wheels having solid steel axles (no lubrication needed). Weight of door is equally distributed over whole axle. Has vertical adjustment.



INTERIOR SLIDING DOOR SETS

No. 185—S1 FOR 1 DOOR ¾" TO 1¾" THICK WITHOUT RAILS

1 Pair No. 185 Hangers
2 No. 190 Side Guides
1 wrench. Screws for above and rail.
Weight, per set, 1⅛ pounds

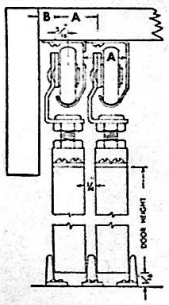
No. 185—S2 FOR 2 DOORS ¾" TO 1¾" THICK WITHOUT RAILS

2 Pair No. 185 Hangers
2 No. 190 Side Guides
1 No. 191 Center Guide
1 No. 188 Bumper
1 wrench. Screws for above and rail.
Weight, per set, 2 pounds

WITH RAILS

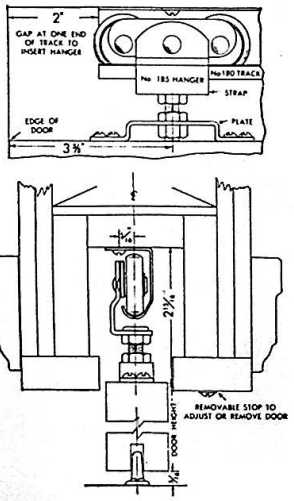
Model No.	Opening Size	No. of Doors	Length of Rail	Equipment
185-S1-44	2′	1	44″	Single Sets One pair of hangers One piece of rail Two No. 190 Side Guides One wrench and screws
185-S1-56	2′6″	1	56″	
185-S1-60	2′8″	1	60″	
185-S1-68	3′	1	68″	
185-S1-92	4′	1	92″	
185-P1-44	2′	1	44″	Single Sets with jamb stiffeners One pair of hangers One piece of rail Two No. 190 Side Guides One wrench and screws
185-P1-56	2′6″	1	56″	
185-P1-60	2′8″	1	60″	
185-P1-68	3′	1	68″	
185-P1-92	4′	1	92″	
185-S2-44	4′	2	44″	Double Sets Two pair of hangers Two pieces of rail One No. 190 Side Guide One No. 188 Bumper One wrench and screws
185-S2-56	5′	2	56″	
185-S2-60	5′4″	2	60″	
185-S2-68	6′	2	68″	
185-S2-92	8′	2	92″	

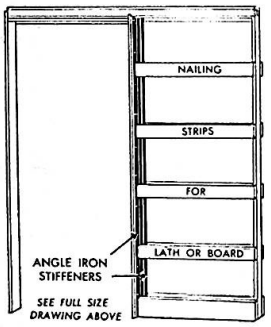
BY-PASSING INSTALLATION

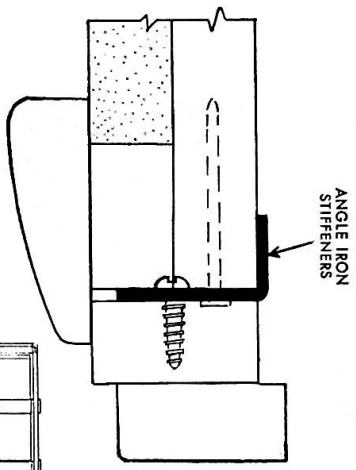


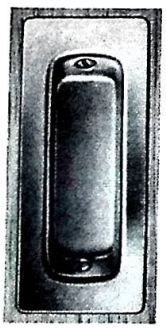
Door Thickness	A	B
¾"	1"	⅜"
1"	1¼"	⅜"
1⅛"	1⅜"	⅜"
1⅜"	1⅝"	½"
1¾"	2"	11/16"

POCKET INSTALLATION



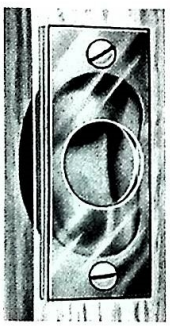






No. 141 Flush Pull—Stamped from heavy gauge brass and held in place by two screws. Fits snug and trim to the sliding door. Packed complete with screws.

No. 142 Cup Pull—Made of solid brass with smooth rounded lip that molds smoothly into the door when installed. Diameter ¾ inch. No. 144, diameter 1¾ inch.



No. 143 Edge Pull—A two-piece assembly of solid brass providing a quick, positive finger grip for operating sliding doors. Packed complete with screws.

No. 182 SINGLE WHEEL HANGER

For use with No. 180 Interior Sliding Door Rail. Has the same large 1⅜" diameter nylon wheel which rolls freely on its solid steel axle and serves the same thickness of doors as the No. 185 style. The No. 182 is also constructed so it will not jump the rail. Has slotted screw hole for vertical adjustment.

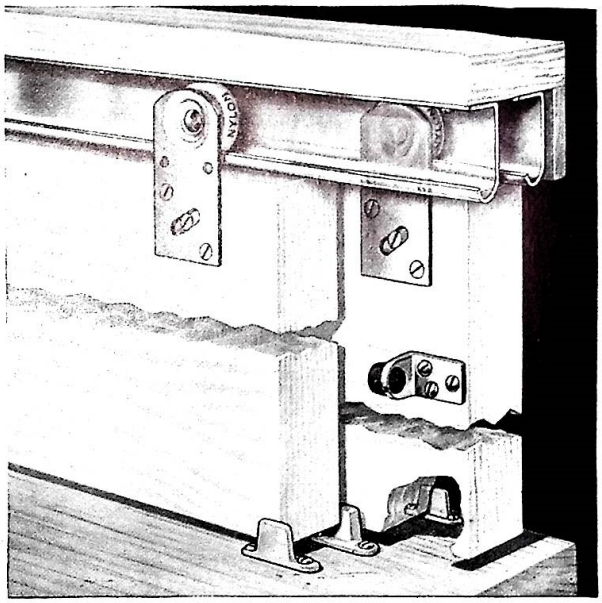
INTERIOR SLIDING DOOR SETS

No. 182—S2 FOR 2 DOORS ¾" TO 1¾" THICK WITHOUT RAILS

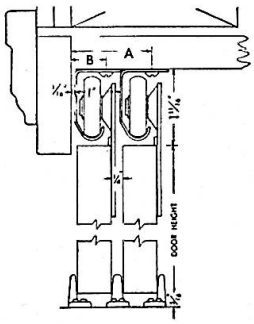
2 Pair No. 182 Hangers
2 No. 190 Side Guides
1 No. 191 Center Guide
1 No. 188 Bumper with screws for above and rail

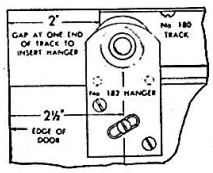
WITH RAILS

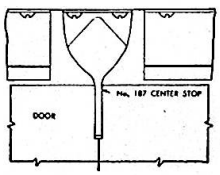
Model No.	Opening Size	No. of Doors	Length of Rail	Equipment
182-S2-44	4'	2	44"	Two pair of hangers Two pieces of rail One No. 191 Center Guide One No. 188 Bumper Necessary screws
182-S2-56	5'	2	56"	
182-S2-60	5'4"	2	60"	
182-S2-68	6'	2	68"	
182-S2-92	8'	2	92"	



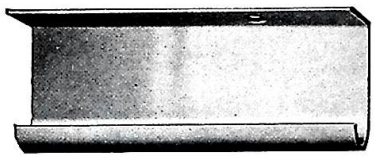
BY-PASSING INSTALLATION





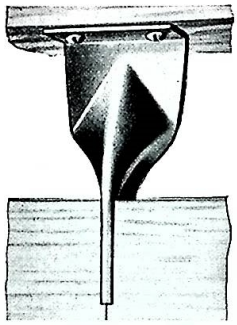


Door Thickness	A	B
¾"	1¾"	¾"
1"	2¼"	1"
1⅛"	2½"	1⅛"
1⅜"	3"	1⅜"
1¾"	3¾"	1¾"

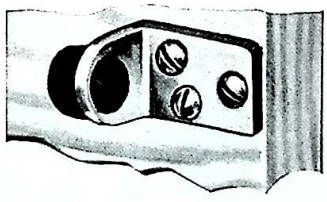


No. 180 Interior Sliding Door Rail—Made of 18-gauge steel, Hot Galvanized—will not rust. Of rigid construction to prevent damage in transit or handling. Designed so hanger will not jump rail and with slotted screw holes for lateral adjustment. Serves every thickness of door from ¾" to 1¾".

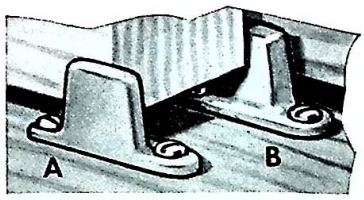
Door Width	1 Door 1 Piece	2 Doors 2 Pieces	4 Doors 4 Pieces	Weight Pounds 12 Pieces
2'-0"	44"	44"	44"	27
2'-6"	56"	56"	56"	34
2'-8"	60"	60"	60"	37
3'-0"	68"	68"	68"	40
4'-0"	92"	92"	92"	52



No. 187 Center Stop—For bi-parting doors. A stout, steel plate that fastens with two screws, acts as a rigid stop where two doors close together end to end. Zinc plated to prevent rust.



No. 188 Bumper—A sturdy zinc-plated stop with rubber button to cushion the halt of by-passing doors.



No. 190 Nylon Side Guide and No. 191 Nylon Center Guide—These unbreakable guides are adjustable and simple to install. "A" style serves as outer guide, "B" style serves as center guide between by-passing doors. Will not mar doors.

SLIDING DOOR HARDWARE

No. 380 FOLD and SLIDE DOOR

Single galvanized steel track at the top of the opening. No track on the floor to catch dirt.

Track is adjustable laterally to compensate for jamb being out of plumb.

Noiseless nylon pivots carry the door weight and nylon roller guides the door in the track.

Bottom door aligners keep four panel installations in perfect alignment.

Adjustable rubber stop to keep doors firmly closed—only a slight pull is needed to open them.

Pivot brackets are adjustable both laterally and vertically.

Jamb bracket permits use with either wood or concrete floors. No measuring to locate bracket—just attach to the jamb.

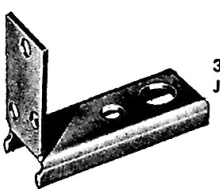
All hardware is zinc and chromate plated.

380 Rail

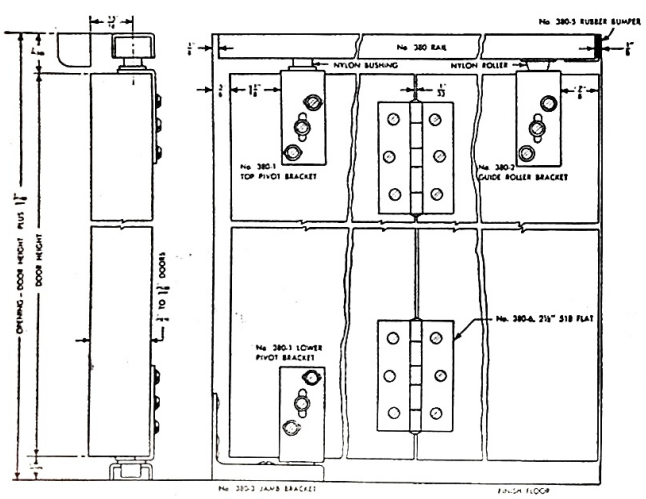
380-1
Top Pivot
Bracket

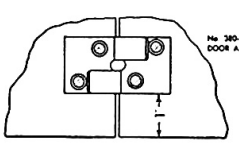
380-1
Lower Pivot
Bracket

380-2
Guide Roller

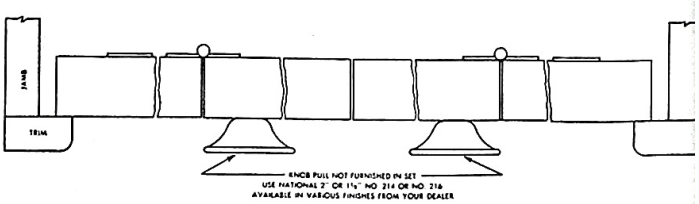


380-3
Jamb Bracket





Finished Opening	No. of Panels Required	Width of Panels
2'-0"	2	11¾"
2'-6"	2	14¾"
3'-0"	2	17¾"
4'-0"	4	11¾"
5'-0"	4	14¾"
6'-0"	4	17¾"


JAMB
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